



**WATERPROOFING &
BUILDING PRODUCTS**



**COMMERCIAL
PRODUCT**



**RESIDENTIAL
PRODUCT**



MULTI-USE POWERFUL INSULATION BOARD



Sealed, Smart and Sustainable

- Effective in above-grade and below-grade applications
- Energy efficient and cost effective
- Commercial and residential usage
- Multi-use insulation board

NEO·FOAM

BASF TECHNOLOGY – For Legendary Protection



Neo-Foam delivers exceptional R-value and protection for even the most challenging jobs.

Neo-Foam's technology comes from a BASF formula where small polystyrene beads are later blown and expanded into the insulating foams. Rigorously tested and delivering best-in-class results, Neo-Foam is backed by a tradition of excellence that you can trust for effective insulation and dryness.

Pick a configuration

There are numerous applications for Neo-Foam. Simply cut the boards to the exact specifications you need and install the configuration of your choice, including:

- Exterior Insulation and Finish Systems (EIFS)
- Exterior roofing and siding insulation
- Foundation wall insulation
- Structural Insulated Panels (SIPs)
- Cavity wall insulation



Superior drying capabilities

Neo-Foam allows water vapor to move through it, allowing moisture to dry. The R-value is not compromised by cycles of water exposure, and will not deteriorate over time. It is both breathable and semi-permeable.

In addition to its exceptional drying properties, Neo-Foam also doubles as an insulator that “powers up” when temperatures drop. So the colder the air gets, the more Neo-Foam works to keep the home or business warm.



Green marks get a gold

Neo-Foam holds a GREENGUARD Gold certification by UL Environment for products with low chemical emissions. Zero ozone depletion materials used. The material is certified for indoor air quality standards and supports sustainable building practices — totally recyclable and reusable.



Product Sizes

	3/8" Fan Fold	1.188"	2.375"	3.5"	4"
R-VALUES	1.8	5	10	15	18
DIMENSIONS	3/8" x 48" x 288"	1.188" x 48" x 48" 1.188" x 48" x 96"	2.375" x 48" x 48" 2.375" x 48" x 96"	3.5" x 48" x 48" 3.5" x 48" x 96"	4" x 48" x 48" 4" x 48" x 96"
AREA / PALLET	4224 ft ²	1280 ft ² 2560 ft ²	640 ft ² 1280 ft ²	432 ft ² 864 ft ²	368 ft ² 736 ft ²

NEO-FOAM

ADVANTAGES

- Utilizes BASF technology
- Protects against: bulk water, vapor permeability, water absorption and water release
- Boards can be cut to your specifications
- Can be placed above-grade or below-grade
- Used for numerous applications
- Superior drying capabilities
- Doubles as an insulator
- R-value never degrades
- GREENGUARD Gold certification
- Recyclable and reusable

Neo-Foam Spec Sheet*

Properties / Method	Value	Units
FOAM DENSITY	1"	per inch of thickness
COMPRESSIVE RESISTANCE ASTM D-1621	11 (76)	at yield of 10% deformation in psi (kPa)
THERMAL RESISTANCE - 75°F ASTM C-518	4.3	per inch of thickness in °F · ft ² · h/BTU (°C · m ² /W) 75 ± 2°F (23.9 ± 1°C)
THERMAL RESISTANCE - 40°F ASTM C-518	4.7	per inch of thickness in °F · ft ² · h/BTU (°C · m ² /W) 40 ± 2°F (4.4 ± 1°C)
THERMAL RESISTANCE - 25°F ASTM C-518	4.9	per inch of thickness in °F · ft ² · h/BTU (°C · m ² /W) 25 ± 2°F (-3.9 ± 1°C)
FLEXURAL STRENGTH ASTM C-203	25 (173)	psi (kPa)
WATER VAPOR PERMEANCE ASTM E-96	5.0	for 1" (25.4 mm), perm (ng/Pa · s · m ²), max
WATER ABSORPTION ASTM C-272	3.0	volume % absorbed, max
DIMENSIONAL STABILITY ASTM D-2126	<1.5	max % linear change
OXYGEN INDEX ASTM D-2863	>24	volume %
APPLICATION LIMITING TEMPERATURE	165 (73.9)	°F/ °C
CHEMICAL RESISTANCE	insensitive to water, the majority of acids and alkalis; sensitive to organic solvents	

*complete specs at Mar-flex.com

IMPROVE YOUR BOTTOM LINE – Mar-flex Delivers



Mar-flex offers the best waterproofing products in the industry.

Mar-flex® Waterproofing & Building Products

We are a USA family-owned innovative manufacturer of waterproofing foundation and air barrier products. We offer unsurpassed quality and reliability with time tested solutions for the building industry.

Everything you need to do the job right

Mar-flex goes the extra step to help you from start to finish with an array of products and accessories, egress and non-egress window wells, perimeter drainage, telescopic vents and control-joints. Architects and Contractors alike can rely on Mar-flex for:

- Technical specifications at Mar-flex.com
- Hands-on training right in your area
- Job site support
- Sales support to help your market
- LEED certifications
- Specifications and CAD details, available at Mar-flex.com

Mar-flex guarantee

Mar-flex guarantees quality and versatility – delivering solutions that go above and beyond what you would normally expect. Mar-flex offers a full range of products to perform the job from start to finish. All Mar-flex products are backed by warranties because we stand behind our manufacturing process.

Complete waterproofing systems

Mar-flex has set the industry standard for offering superior water-based and solvent-based waterproofing membranes, an extensive “green” product assortment, and a wide range of drainage and insulation boards to complete the job based on your markets’ needs.



Printed on recycled paper

Try the complete line of Mar-flex products.

Foundation Waterproofing | Waterproofing Membranes | Dampproofing Products | Concrete Repair
Concrete Anchor Epoxies | Drainage Boards | Egress Window Wells | Standard Window Wells
Sealers/Mastics | Control Joint Systems | Air Barrier Systems | Vortex Vents

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